

HTML, CSS & Bootstrap Basics





HELLO!

This is Seam Uddin

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Web Design

Web design is the art of crafting attractive and user-friendly websites through graphic design, layout, and coding, using tools like HTML and CSS to ensure a seamless and engaging user experience across devices.



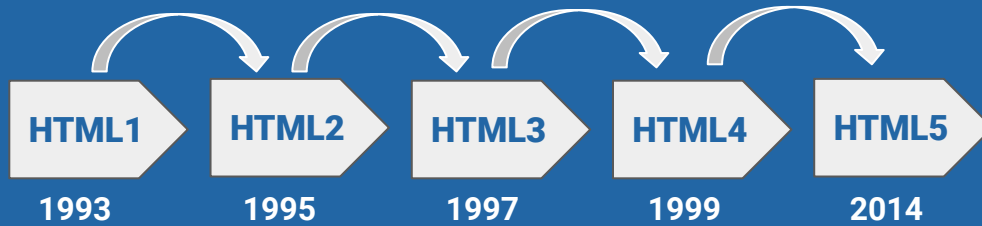
HTML

HTML, or Hypertext Markup Language, is the code used to create and structure content on the internet. It uses tags to define different parts of a webpage, like headings, paragraphs, images, and links. HTML is the foundation for building web pages and making information accessible on the World Wide Web.



**“HTML plays a fundamental role in the
architecture of a website”**

Evolution of HTML



HTML Common Tags

- ❑ <html>
- ❑ <head>
- ❑ <title>
- ❑ <meta>
- ❑ <body>
- ❑ <h1> to <h6>
- ❑ <p>
- ❑ <a>
- ❑
- ❑
- ❑
- ❑
- ❑ <div>
- ❑
- ❑

HTML Common Attributes

- ❑ id
- ❑ class
- ❑ style
- ❑ src
- ❑ alt
- ❑ href
- ❑ placeholder
- ❑ width, height
- ❑ value



CSS

CSS (Cascading Style Sheets) is like the fashion designer for websites. It decides how things look - colors, fonts, spacing, and where everything goes on a webpage. By using CSS, web designers make sure websites look good and work well on different devices. It's the tool that adds style and makes web pages visually appealing.



Type of CSS

- ❖ Inline CSS
- ❖ Internal or Embedded CSS
- ❖ External CSS



CSS Common Properties

❖ Color

- color
- background-color

❖ Typography

- font-family
- font-size
- font-weight
- line-height

❖ Layout

- margin
- padding
- width
- height

❖ Border

- border
- border-radius



Bootstrap

Bootstrap is a comprehensive toolkit streamlining website development, providing pre-designed elements for visually appealing, mobile-friendly sites, optimizing efficiency, and ensuring contemporary design standards.



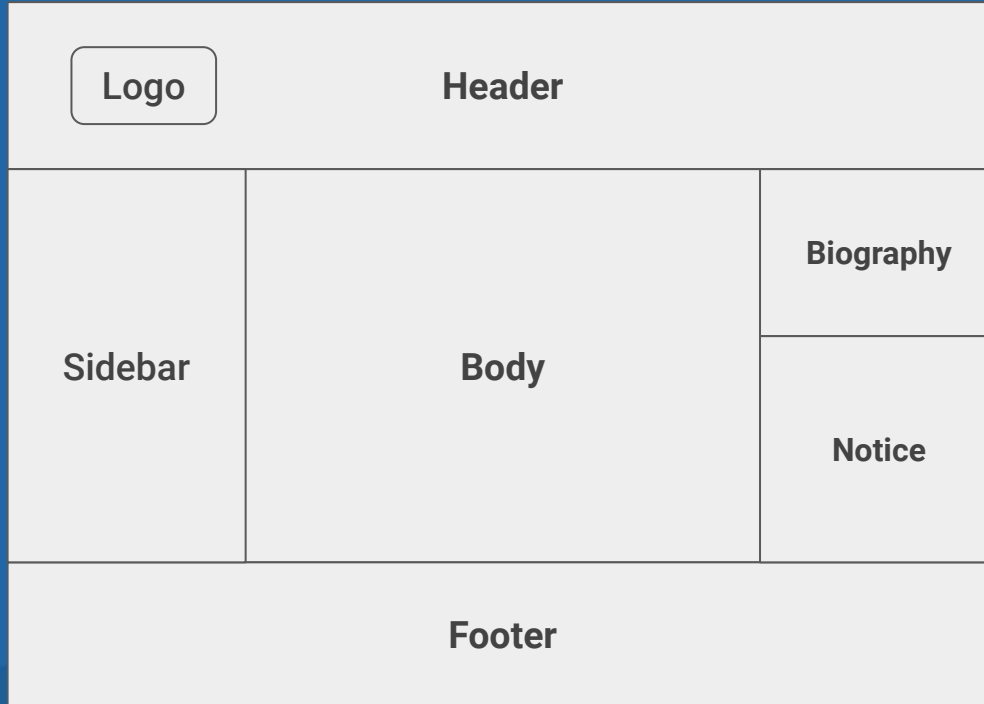
Bootstrap Common Elements

- ❑ Grid System
- ❑ Navigation Bar
- ❑ Buttons
- ❑ Forms
- ❑ Typography
- ❑ Images
- ❑ Badges and Labels
- ❑ Tables
- ❑ Cards
- ❑ Modal
- ❑ Carousel
- ❑ Dropdowns
- ❑ Icons
- ❑ Alerts
- ❑ Utilities

Website layout



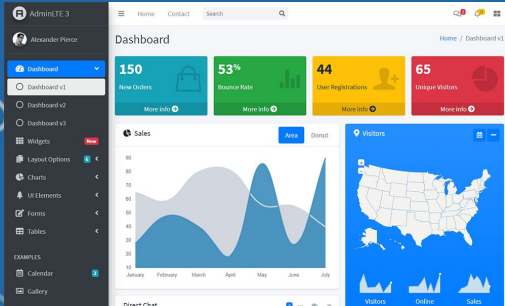
Next Day Work



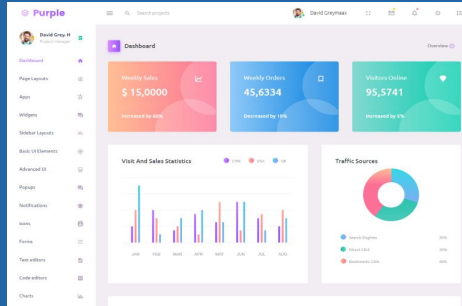
What is Web Page Template ?



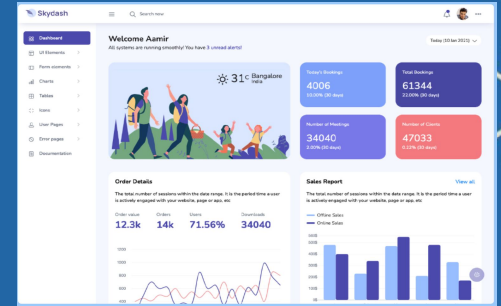
Some Popular Free Template



AdminLTE



Purple



SkyDash

How to Customize AdminLTE and Design a Form

Lets try with the code editor.....

Homework :

1. Design a school/university home page using html and css
2. Form design using adminLTE

THANK YOU